

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6191518").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/10/27 10:08
S2	1	S1 and parallel	USPAT; JPO; DERWENT	OR	ON	2005/11/15 12:44
S3	1	S1 and perpendicular	USPAT; JPO; DERWENT	OR	ON	2005/10/27 10:10
S4	8	("5043043"   "5072288"   "5428259"   "5512374"   "5583736"   "5635640"   "5784189"   "5812362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/27 11:26
S5	7	("4381672"   "4754185"   "4943750"   "5013954"   "5015906"   "5043043"   "5055731").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/27 11:37
S6	38	("5428259").URPN.	USPAT	OR	ON	2005/10/27 11:39
S7	8	("5043043"   "5072288"   "5428259"   "5512374"   "5583736"   "5635640"   "5784189"   "5812362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/27 11:45
S8	217544	mov\$4 with station\$4	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:46
S9	66614	movable with stationary	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:47
S10	4	S6 and S9	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:46
S11	1135	(movable adj (element or electrode)) with (stationary adj (element or electrode))	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:48
S12	36	S11 and microstructure	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:48
S13	7	(movable adj (element or electrode)) with (stationary adj (element or electrode)) with microstructure	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:50
S14	10	(movable adj (element or electrode)) with (stationary adj (element or electrode)) with polysilicon	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:50
S15	1	(US-5428259-\$.did.	USPAT	OR	ON	2005/10/27 11:55

S16	1	S15 and parallel	USPAT; JPO; DERWENT	OR	ON	2005/10/27 11:56
S17	2	("6191518").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/11/15 12:44
S18	2	S17 and semiconductor	USPAT; JPO; DERWENT	OR	ON	2005/11/15 12:44
S19	571	(movable near element) with (stationary near element)	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:37
S20	775	(movable near electrode) with (stationary near electrode)	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:17
S21	14	S19 and S20	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:17
S22	7	S21 and microstructure	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:32
S23	20	S19 and microstructure	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:21
S24	8	("5013693"   "5025346"   "5029805"   "5259247"   "5403665"   "5512374"   "5838351"   "5971355").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 13:30
S25	32	Suzuki-Kenichiro.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 13:30
S26	2	S19 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 13:30
S27	33407	microstructure	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:32
S28	152	microstructure near polysilicon	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:35
S29	571	(movable near element\$) with (stationary near element\$)	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:32
S30	640	(movable near element\$) same (stationary near element\$)	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:34

S31	8	S28 and S30	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:33
S32	97	(movable near element\$) same (stationary near element\$)	US-PGPUB	OR	ON	2005/11/15 13:34
S33	184	microstructure same polysilicon	US-PGPUB	OR	ON	2005/11/15 13:36
S34	0	S32 and S33	US-PGPUB	OR	ON	2005/11/15 13:35
S35	4	S32 and polysilicon	US-PGPUB	OR	ON	2005/11/15 13:35
S36	2811	microstructure same (polysilicon or metal\$3)	US-PGPUB	OR	ON	2005/11/15 13:36
S37	1	S32 and S36	US-PGPUB	OR	ON	2005/11/15 13:36
S38	2	(movable near element) with (stationary near element) same polysilicon	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:37
S39	3	(movable near element) same (stationary near element) same polysilicon	USPAT; JPO; DERWENT	OR	ON	2005/11/15 13:51


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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ **1. Fabrication and operation of polyimide bimorph actuators for a ciliary mc**  
Ataka, M.; Omodaka, A.; Takeshima, N.; Fujita, H.;  
Microelectromechanical Systems, Journal of  
Volume 2, Issue 4, Dec. 1993 Page(s):146 - 150  
Digital Object Identifier 10.1109/84.273089  
[AbstractPlus](#) | Full Text: [PDF](#)(472 KB) IEEE JNL
- ☐ **2. A micromotion amplifier**  
Huang, X.T.; Saif, M.T.; MacDonald, N.C.;  
Micro Electro Mechanical Systems, 1996, MEMS '96, Proceedings. 'An Investigating Structures, Sensors, Actuators, Machines and Systems'. IEEE, The Ninth Annual Workshop on  
11-15 Feb. 1996 Page(s):424 - 428  
Digital Object Identifier 10.1109/MEMSYS.1996.494019  
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- ☐ **3. A three-degrees-of-freedom micromotion in-parallel actuated manipulator**  
Lee, K.-M.; Arjunan, S.;  
Robotics and Automation, IEEE Transactions on  
Volume 7, Issue 5, Oct. 1991 Page(s):634 - 641  
Digital Object Identifier 10.1109/70.97875  
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- ☐ **4. A proposal for a conveyance system with autonomous decentralized micromotion**  
Konishi, S.; Fujita, H.;  
Autonomous Decentralized Systems, 1993. Proceedings. ISADS 93., International Symposium on  
30 March-1 April 1993 Page(s):137 - 142  
Digital Object Identifier 10.1109/ISADS.1993.262711  
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- ☐ **5. Medical robots and micro machines**  
Hunter, I.W.; Lafontaine, S.R.; Brennan, C.J.H.; Jones, L.A.;  
Micro Machine and Human Science, 1995. MHS '95., Proceedings of the Sixth Symposium on  
4-6 Oct. 1995 Page(s):25 - 30  
Digital Object Identifier 10.1109/MHS.1995.494213  
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